

**ANIMAL
HUSBAN.
AND
VETERI.
SERVICES.**

1123. During the year, 37,64,800 doses, 51,190 c.cs biologicals and 15,853 bottles of normal saline and distilled water were prepared. Out of a total stock of 39,11,340 doses, 54,460 c.cs and 16,166 bottles, 36,06,090 doses, 33,902 c.cs and 15,366 bottles were issued within the State; 1,42,820 doses, 7,593 c.cs were issued outside the State and 130 doses, 665 c.cs were used in the Laboratory of the Mysore Serum Institute, leaving a balance of 1,62,300 doses, 12,300 c.cs and 800 bottles at the close of the year.

1124. During the year, 49 he-buffaloes, 35 buffalo bull calves, 127 sheep and 140 goats were used for biological production and experimental works.

1125. The total expenditure and receipts of the Serum Institute amounted to Rs. 1,72 781-56 (Rs. 2,00,950-64) and Rs. 2,53,179-48 (Rs. 3,70,457-45), respectively earning a net profit of Rs. 80,397-92 during the year.

**(iii) Composite Livestock Farm and Research
Station, Hessarghatta, Bangalore.**

1126. The Composite Livestock Farm and Research Station, Hessarghatta, in Bangalore District which is an unique venture undertaken by the Department in the State completed its sixth year's work since its establishment:

**Grass and
Hay
Production**

1127. Almost all the kaval lands of the farm area were being used as pasture for grazing the different livestock of the local units. In the farm area, 273 (258) tons of hay was mowed of which 109 (184) tons was left over at the close of the year as a reserve for the subsequent year.

1128. One thousand and eighty-nine (856) tons of green and lucerne of the value of Rs. 33,439 (Rs. 26,525) were supplied during the year. The approximate value of green grass, hay and straw supplied was Rs. 73,451 (Rs. 41,577).

1129. The revenue and expenditure of the section during the year was Rs. 73,171 (Rs. 81,401) and Rs. 94,337 (Rs. 86,484) respectively.

**Dry Cattle
Farm.**

1130. The stock of dairy animals at the close of the year was three (5) bulls which includes one Jersey sindhi cross bred bull added on to this stock during the year in order to provide natural service besides artificial insemination.

1131. At the close of the year, there were 53 (65) cows and 16 (13) she-buffaloes in the farm belonging to private persons.

1132. The revenue and expenditure of the Farm were Rs. 11,658-12 (Rs. 9,918-62) and Rs. 11,866-81 (Rs. 11,808-31) respectively.

1133. The sheep farm at Hessarghatta for the rearing of the Bannur (mutton) and the Hassan (woolly) breed of sheep was continued during the year. Sheep
Breeding.

1134. Under Bannur (Mutton) type sheep, there were at the close of the year four (2) stud rams 124 (114) ewes and 97 (129) lambs.

1135. Under Hassan and Bikneer (woolly) breed of sheep, there were two (1) rams, 55 (57) ewes and 99 (106) lambs.

1136. The receipts and expenditure of this section were Rs. 2,130-50 (Rs. 2,590-45) and Rs. 4,474-31 (Rs. 3,506-49) respectively.

1137. The Poultry Farm has as many as 16 breeds of poultry and apart from being the foremost in this direction, the State continued to lead the rest of the country, as no other Government managed poultry farm in India run on commercial line, at the same time serving as a demonstration unit for intending poultry farmers, besides supplying foundation stocks required for poultry development throughout the State and also to the neighbouring States. Poultry
Farm.

1138. At the close of the year, there were 3,907 (3,358) birds of as many as 13 different breeds on the farm. Hybridisation experiments were continued to be conducted with some of the available breeds on the farm to find out a suitable hybrid for maximum production and cold weather laying. On an average, 808 (1,050) layers were maintained on the farm throughout the year which produced 1,04,463 (1,26,564) eggs, made up of 43,750 (58,552) infertiles, 55,887 (63,862) fertiles and the remaining 4,826 (4,150) broken or discarded eggs. The broken eggs were utilised for feeding the chicks: Twenty-nine thousand one hundred and fifty-two (16,409) fertile eggs were set for incubation and 16,052 (9,211) chicks were produced, out of these 2,038 (1,966) birds were sold to the public both within and outside the State for breeding purposes.

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1139. Intensive development of poultry in the entire State as a cottage industry that was undertaken during the previous year was continued this year also.

1140. The flock was free from Ranikhet disease but was attacked severely from fowl pox and this was controlled by timely action.

1141. The total receipts and expenditure of the poultry farm were Rs. 42,063-31 (Rs. 56,562-91) and Rs. 59,131-56 (Rs. 59,568-82) respectively.

1142. The Poultry Farm located at Kudige, Coorg District, continued to be popular. The stock that was 696 (673) at the beginning of the year was successfully raised to 1,826 (696) at the close of the year and 869 (1,525) birds were sold for breeding purposes in the District. The total receipts of the farm was Rs. 7,004-64 (Rs. 11,729-77) as against an expenditure of Rs. 40,986-36 (Rs. 10,696-11) for the year.

**Hallikar
Cattle
Breeding
Station.**

1143. In order to maintain the purity and efficiency of the Hallikar breed by controlled breeding so that adequate number of pedigreed bulls of the breed may be made available to private breeders, the cattle breeding station for this breed of cattle was started at Hessarghatta, Bangalore District five years ago.

1144. At the close of the year, there were 13 (6) bulls, 10 (7) bullocks, 112 (102) cows, 74 (63) heifers, 109 (116) calves, two (2) buffalo bull calves and one (1) catalloe.

1145. A total quantity of 47,430 (37,233) lbs. of milk was produced during the year and this was supplied to the hospitals in Bangalore City.

1146. Due to availability of fodder in plenty, the animals maintained satisfactory condition and they were free from infection.

1147. The receipts and expenditure of this Section were Rs. 26,138-50 (Rs. 16,422-77) and Rs. 29,341-75 (Rs. 25,243-33) respectively.

Dairy Farm

1148. The year opened with a strength of 315 (269) animals in the Government Dairy Farm comprising of 219 (177) sindhis, 80 (77) buffaloes and the remaining 16 (15) cross bred animals.

1149. No breeding bull was maintained on this farm as artificial insemination was resorted to.

1150. During the year, the total quantity of milk yielded by the cows was 1,90,343 (1,00,118) lbs. and by the she-buffaloes 28,243 (41,023) lbs. Most of the milk was supplied to the hospitals in Bangalore City or sold to private parties.

1151. During the year, sum of Rs. 86,496-44 (Rs. 66,656-80) was expended. A sum of Rs. 58,722-81 (Rs. 50,205-84) was realised as revenue.

1152. The Dairy Development Scheme functioning in Kudige, Coorg District continued the collection of milk from the rural parts and its distribution in the urban parts. The milk produced in the farm was 1,70,599 (1,21,158) lbs. Necessary machinery to pasteurise the milk before distribution, was received during the year. From this farm, a sum of Rs. 49,336-60 (Rs. 39,358-56) was realised as receipts as against Rs. 64,430-47 (Rs. 42,461-20) expended.

1153. During the year, the eight nurseries were maintained in addition to the one big rearing pond. In these, Lebaeo, Calbalu Op-striatus, Opichephalus punctatus, Catta, Glod Fish, Scale carps, Callichrous, Gaourami, Cirrhina Barubus Chysopama, Laccobranches, Clarius major and Exgroplus were reared and stocked in the reservoir. Several fingerlings of various varieties were released into Hessarghatta lake. Twenty-six (16) fishing licences were issued. Deep water fishing was continued and 3,891 (3,115) lbs. of fish was caught. Fisheries

1154. The Kunigal Stud Farm which came under the control of the Animal Husbandry and Veterinary Services Department from the Military over six years ago has continued to work satisfactorily. Government Stud Farm, Kunigal, Tumkur District.

1155. The number of animals on the farm are considered under three categories, viz., (i) owned by Government, (ii) owned by the Bangalore Race Club but maintained on the farm under the "Eve Blood Scheme" and (iii) private owned but maintained on the farm for breeding.

(i) *Government Animals*:—One stallion and one male, both bred in England, were imported and added to the farm during the year at a cost of Rs. 33,467. There were two births and two (2) young stock were sold in auction at Bombay. One young stock died leaving at the close of the

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year six (5) stallions, eight (7) males and four (5) young stock.

(ii) "*Eve Blood Stock Scheme*" Animals:—There were at the close of the year four (4) males and two (1) young stock and the year closed with four (4) males and two (1) young stock.

(iii) *Private Owned Animals*:—At the close of the year, there were 11 (14) males and five (12) young stock.

1156. *Sheep Breeding*:—A flock of Bannur mutton breed sheep, which was introduced on this farm four years ago as an experimental measure were generally found to thrive well under the conditions obtainable on this farm. At the close of the year, there were 201 (186) animals.

1157. The receipts and expenditure of the farm were Rs. 94,281.74 (Rs. 1,86,290-65) and Rs. 1,21,139-60 (Rs. 1,06,926-54), respectively.

1158. The livestock breeding operations on the farm were carried on (1) Hallikar Cattle (2) Murrah Buffalo and (3) Bellary Sheep. The object of the farm is to breed hallikar cattle for improvement in milk yield retaining its draught qualities and to raise bull calves for breeding and work animals in the Tungabhadra project area, to study the acclimatisation of Murrah buffaloes in the locality and under sheep breeding to evolve a true breeding strain of black faced and white bodied Bellary sheep by selective breeding and to cross breed the selected black faced and white bodied Bellary ewes with Bikanir rams for production of high bred rams. These rams are meant for distribution among the private breeders at concessional rates to improve the wool bearing qualities of their flock.

1159. At the close of the year, there were 280 (384) heads of Hallikar cattle of both sexes, 38 (39) bullocks for agricultural operations in the absence of electric power, 32 (28) Murrah buffaloes and 462 (464) sheep. From the cows and she buffaloes a total quantity of 95,885 (1,22,716) lbs. of milk was produced.

1160. The receipts and expenditure of the farm were Rs. 21,926-81 (Rs. 15,044) and Rs. 1,19,803-88 (Rs. 1,02,868), respectively.

Combined
Sheep and
Cattle Farm
Kurikuppi.